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COUNCIL.

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A N N U A L R E P O R T

on the work of the

PUBLIC HEALTH DEPARTMENT

For the Year 1939.

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M. E. KAYTON., D.P.H.
(Medical Officer of Health)

I. M. MASSEY., M.S.I.A.
(Chief Sanitary Inspector &
Superintendent of Public Cleansing)

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KIRKBY-IN-ASHFIELD URBAN DISTRICT COUNCIL.

Chairman:- F.Booler Esq., J.P.

Vice-Chairman:- Mrs. A.Jeffries., C.C.

COUNCILLORS:-

EAST WARD.	WEST WARD.	SOUTH WARD.
F.S.Arnold.	E.Barton.	Rev. L.I. Butler.
W.J.Bains.	G.Dodson.	A.Eggleshaw.
T.E.Banks, J.P., C.C.	Mrs.A.Jeffries,C.C.	J.W.Aldridge.
F.Booler, J.P.	E.J.Ley.	A.Green.
J.A.Marshall.	P.S.Sargent.	A.Deverill.
J.T.Portas.		
G.A.Wyles.		

Clerk:-

G. H. Green.

Medical Officer of Health:-

Dr. M. E. Kayton, D.P.H.

Senior Sanitary Inspector & Superintendent of Public Cleansing:-

I. M. Massey, M.S.I.A.

Surveyor:-

L. Dodsley.

Water Manager:-

L. Leivers.

Rating and Valuation Officer:-

P. Cupit.

Gas Manager:-

G.M.Gribble.

Health Visitors:-

Nurse F.E.Tideswell, S.R.N., S.C.M. & H.V.

Nurse E.Bradley, S.R.N., S.C.M., & H.V.

REPORT.

TO THE CHAIRMAN & MEMBERS OF THE KIRKBY-IN-ASHFIELD
URBAN DISTRICT COUNCIL:-

Madam & Gentlemen.,

I have the pleasure of submitting to you my twenty-sixth Annual Report on the Health and Sanitary conditions of the District.

In accordance with the instructions of the Ministry of Health the report will be restricted to the main essential facts and statistics of work done in the Health Department.

As in previous years, I have prepared the statistical information not only as a whole, but also for each of the three Wards to enable us to make a more careful survey of the incidence of Births, Deaths and Disease in each Ward, as well as in the whole area.

The Report is prepared according to the local Registrar's figures and my estimate of the population, taking into account transferable deaths.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (Acres)	5831.
Population (Census 1931)	17798.
Estimated population, mid year 1939	19884.
Number of inhabited houses, 1939	5303.
Rateable Value (Nett)	£74649.
Sum represented by Penny Rate.	£280.

Occupied Houses:-
East Ward - 2283. West Ward - 1865. South Ward -1155.

Total:- 5303.

Population:-
East Ward :- 8561. West Ward - 6993. South Ward - 4330.
Total:- 19884.

The principal occupation of the inhabitants is Coal Mining, the remainder are largely occupied as Railway workers, Hosiery operators and in Farming. To these may now be added a number engaged in Road Transport.

Births.	Male.	Female.	Total.
Legitimate.	160.	132.	292.
Illegitimate.	1.	5.	6.
Still-Births.			
Legitimate.	13.	3.	16.
Illegitimate.	0.	0.	0.

Birth-rate per 1,000 of the population ... ... 15 . 7

Deaths.	Male.	Female.	Total.
	110.	111.	221.

Death-rate 11 . 1 per 1,000 of the population.

No. of women dying in, or in consequence of childbirth:-
From Puerperal Sepsis - Nil. From other causes - 1.

Total deaths of Infants under 1 year	22.
Total death-rate per 1,000 live Births	73.8
Deaths from Cancer (all ages)	26.
Deaths from Measles (all ages)	Nil.
From Whooping Cough (all ages)	"
Deaths from Diarrhoea (under 2 years of age)	"

BIRTHS AND BIRTH RATE.

The total number of Births registered during the year was 314, 174 were males and 140 females. Of these, there were 6 Illegitimates, 1 male and 5 females; there were 298 live births and 16 still births.

This gives a Birth-rate of 15 · 7 per 1,000 of the population as compared with 16.5 per 1,000 of the previous year.

This is the lowest Birth-rate we have ever had in the District.

TABLE 1.

Showing Births in Wards:-

	EAST WARD.	WEST WARD.	SOUTH WARD.	TOTAL.
1st Quarter.	33.	29.	19.	81.
2nd Quarter.	42.	25.	21.	88.
3rd Quarter.	30.	34.	17.	81.
4th Quarter.	23.	23.	18.	64.
Totals. 1939.	128.	111.	75.	314.
" 1938.	146.	115.	61.	322.
" 1937.	155.	101.	67.	323.
" 1936.	145.	104.	69.	318.
" 1935.	161.	116.	61.	338.
" 1934.	137.	110.	77.	324.
" 1933.	165.	100.	58.	323.
" 1932.	162.	106.	61.	329.
" 1931.	175.	110.	58.	343.
" 1930.	170.	84.	73.	327.

Births occurring quarterly:-

	Legitimate.		Illegitimate.	
	Males.	Females.	Males.	Females.
1st Quarter.	47.	33.	0.	1.
2nd Quarter.	29.	33.	0.	2.
3rd Quarter.	52.	33.	1.	2.
4th Quarter.	44.	37.	0.	0.
Totals 1939.	172.	136.	1.	5.
" 1938.	167.	150.	2.	3.
" 1937.	160.	158.	2.	3.
" 1936.	166.	146.	3.	3.
" 1935.	168.	161.	3.	6.
" 1934.	162.	155.	4.	3.
" 1933.	156.	156.	6.	5.
" 1932.	159.	161.	6.	3.
" 1931.	177.	166.	9.	9.
" 1930.	168.	159.	7.	5.

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Birth Rate in Wards for the last 10 years:-

	East Ward.	West Ward.	South Ward.
1939.	14.9	15.8	17.3
1938.	17.0	17.2	14.4
1937.	18.1	15.3	16.2
1936.	17.0	16.1	16.8
1935.	19.1	18.2	15.4
1934.	16.1	18.0	19.9
1933.	19.5	16.7	15.0
1932.	18.5	20.0	15.3
1931.	20.0	20.8	14.6
1930.	17.5	15.0	16.8

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Birth-rate for the whole district for the last 10 years:-

1939.	...	...	15.7 per 1,000 of the population.
1938.	...	...	16.5 " " " " "
1937.	...	...	16.7 " " " " "
1936.	...	...	16.6 " " " " "
1935.	...	...	18.0 " " " " "
1934.	...	...	17.5 " " " " "
1933.	...	...	17.6 " " " " "
1932.	...	...	18.4 " " " " "
1931.	...	...	19.0 " " " " "
1930.	...	...	16.7 " " " " "

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DEATHS AND DEATH RATE.

There were 221 deaths recorded in 1939.

Males. 110. Females. 111.

This gives us an annual death-rate of 11.1 per 1,000 of the population.

The classification of Deaths is as follows:-

	Male.	Female.	Total.
Tuberculosis of the Respiratory system.	4.	5.	9.
Other Tubercular Diseases.	2.	2.	4.
Other Respiratory Diseases.	1.	2.	3.
Cancer, malignant Disease. ...	11.	15.	26.
Diabetes.	2.	2.	4.
Cerebral Haemorrhage	10.	9.	19.
Cerebral Thrombosis	2.	1.	3.
Meningitis.	1.	1.	2.
Heart Diseases	21.	27.	48.
Bronchitis	7.	9.	16.
Pneumonia (all forms)	10.	8.	18.
Pernicious Anaemia.	1.	1.	2.
Acute and Chronic Nephritis.. ...	1.	6.	7.
Diphtheria	0.	1.	1.
Congenital Debility; Premature Birth, Malformations etc ...	5.	3.	8.
Exophthalmic Goitre	1.	0.	1.
Convulsions	3.	1.	4.
Senility.	7.	5.	12.
Suicide..	1.	2.	3.
Other Violence	7.	1.	8.
Other Defined Diseases..	12.	9.	21.
Eclampsia	0.	1.	1.
Cerebro Spinal Meningitis	1.	0.	1.
	110.	111.	221.

TABLE 2.

Showing Deaths in Wards at all ages:-

	East Ward.	West Ward.	South Ward.	Totals.
1st Quarter.	28.	22.	11.	61.
2nd Quarter.	27.	19.	14.	60.
3rd Quarter.	24.	12.	8.	44.
4th Quarter.	27.	22.	7.	56.
Totals. 1939.	106.	75.	40.	221.
" 1938.	89.	59.	38.	186.
" 1937.	100.	63.	61.	224.
" 1936.	108.	71.	43.	222.
" 1935.	102.	57.	41.	200.
" 1934.	104.	54.	46.	204.
" 1933.	88.	54.	36.	178.
" 1932.	98.	64.	36.	198.
" 1931.	104.	64.	52.	220.
" 1930.	96.	44.	43.	183.

Death Rate for the whole District for the last 10 years:-

1939.	11.1	per 1,000 of the population.
1938.	9.5	" " " " "
1937.	11.6	" " " " "
1936.	11.6	" " " " "
1935.	10.7	" " " " "
1934.	11.0	" " " " "
1933.	9.7	" " " " "
1932.	10.8	" " " " "
1931.	12.2	" " " " "
1930.	9.3	" " " " "

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Infantile Mortality.

There were 22 deaths of Infants registered during the year. Of these 13 were boys and 9 girls.

This gives an infantile mortality of 73.8 per 1,000 live births, as compared with 76.4 of the previous year.

The classification of deaths is as follows:-

Meningitis	3.
Spina Bifida	1.
Premature Birth..	3.
Pneumonia	6.
Malformation	1.
Bronchitis	1.
Congenital Debility	1.
Convulsions.	4.
Atelectasis.	2.
	22.

Infantile Mortality occurring in Wards:-

	East Ward.	West Ward.	South Ward.
1st Quarter.	5.	1.	1.
2nd Quarter.	2.	2.	3.
3rd Quarter.	1.	1.	2.
4th Quarter.	2.	2.	0.
	10.	6.	6.

Infantile Death Rate in Wards:-

	East Ward.	West Ward.	South Ward.
1939.	82.6	56.6	84.5
1938.	103.0	88.0	90.0
1937.	51.6	89.1	89.5
1936.	82.7	115.3	43.4
1935.	105.5	86.2	65.5
1934.	116.7	54.5	38.9
1933.	90.9	70.0	103.3
1932.	67.2	103.7	114.4
1931.	68.5	72.7	189.6
1930.	135.4	47.7	95.8

Infantile Mortality for the whole District for the last ten years per 1,000 births:-

1939.	73.8	1933.	86.3
1938.	76.4	1932.	88.1
1937.	74.4	1931.	90.3
1936.	84.9	1930.	103.9
1935.	97.1		
1934.	80.9		

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Section B. GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Maternity and Child Welfare. Health Visitors' Report.

Live Births Registered:-

Legitimate.	Males	160.	Females	132.	Total -	292.
Illegitimate.	"	1.	"	5.	"	6.

Still Births:-

Legitimate.	"	13.	Females	3.	"	16.
Illegitimate.	"	0.	"	0.	"	0.

Births notified. 302.

Legitimate.	Males.	158.	Females	123.
Illegitimate.	"	1.	"	5.
Still-births.	"	10.	"	5.

Notified by Doctors. 25. By Midwives. 277.

Infantile Deaths 22. Rate per 1,000 births 73.8
Males. 13. Females. 9. Total 22.

Total number of visits.

To expectant mothers (first visits)	97.
Total Visits.	97.
To newly born.	270.
To infants under 1 year	1326.
To children over 1 & under 5 years.	2236.

The above consists of work done in the two districts into which the work is divided.

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Nurse Tideswell.		Asst. Temporary Health Visitors.	
First visits.	159.	First Visits.	111.
Re-visits under 1 year.	518.	Re-visits under 1 year..	538.
" 1 to 5 years ...	946.	" 1 to 5 years..	1290.
Ante-natal, first visits.	32.	Ante-natal, first visits.	65.
Homes visited.	1693.	Homes visited	1939.

Child Welfare Clinic.

These are held in the Clinic Building, Urban Road. There were 90 sessions held during the year. The total attendances at all the sessions were 3,992 mothers and 4,294 children; of these, 2,449 were children under 1 year of age, and 1,845 between 1 and 5 years. Of the children attending the Clinic for the first time during 1939, 229 were under 1 year of age, and 70 between 1 and 5 years.

The attendances made by mothers and children from the South Ward totalled 621 mothers and 713 children.

Doctors' consultations at all Child Welfare sessions totalled 363.

57 children made 489 attendances at the Orthopaedic Clinic, Mansfield.

The number of midwives practising in the area is 5.

Distribution of Food, 1939.

Goods sold during the year:-

	£.	s.	d.
3,781 lbs Cow and Gate.	315.	1.	8.
1,049 lbs Ostermilk	87.	8.	4.
123 lbs Ambrosia	10.	5.	0.
1,605 tins Ovaltine	100.	6.	3.
740 tins Virol.	30.	16.	8.
328 tins Colact.	24.	12.	0.
97 tins Maltoline	3.	4.	8.
525 tins Trufood.	52.	10.	0.
207 tins Lactogel	12.	18.	9.
445 Adexolin Capsules	11.	2.	6.
413 bottles Cod Liver Oil.	14.	12.	5.
327 packets I.C.D. Tablets	6.	2.	7.
	£669.	0.	10d.

Goods sold during 1939 amounted to £669 -0s -10d as compared with £575 -1s -6d for 1938 and £625 -6s -7d for 1937.

Goods given away to cases of distress:-

	£.	s.	d.
1,045 lbs Cow and Gate.	87.	1.	8.
465 lbs Ostermilk.	38.	15.	0.
489 lbs Ambrosia..	40.	15.	0.
358 tins of Colact	26.	17.	0.
92 tins of Maltaline	3.	1.	4.
81 tins of Virol.	3.	7.	6.
74 tins of Ovaltine.	4.	12.	6.
5 tins of Lactogel.		6.	3.
85 tins of Trufood..	8.	10.	0.
139 bottles of Cod Liver Oil	5.	4.	3.
	£ 218.	10.	6.

Goods given away cost £218 -10s -6d as against £255 -3s -7d in 1938.

Ante-Natal Clinic.

Forty-four sessions were held during the year 1939 and 145 individual mothers visited the Clinic, making a total of 269 attendances. This works out at 46.1% or nearly half the expectent mothers in the district who have availed themselves of the facilities given by the Clinic. This is a good advance on the previous year.

Of the 145 cases we had to send 11 to a specialist for further advice, in other words, a bout 7.5% of the cases.

Thirteen mothers with complications in child bearing and birth were sent for special treatment, at the cost of the Council, to the Women's Hospital, Nottingham, and to the Mansfield Institution.

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REPORT ON THE MATERNITY & CHILD WELFARE DENTAL TREATMENT SCHEME FOR PATIENTS REFERRED FROM THIS AREA TO THE COUNTY COUNCIL'S DENTAL OFFICERS.

BY:- MR. D. E. MASON, L.D.S. (Senior Dental Officer)

The Scheme by means of which one of the full-time School Dental Officers devotes two regular half-days per month to the dental treatment of children under school age and also of expectant and nursing-mothers was continued throughout the year.

The Scheme has increased in popularity to such an extent that many additional half-days had to be devoted to this treatment in order to deal with accumulated arrears of work.

The statistics relating to the work are summarised as follows:-

Pre-School Children.

Referred for Dental Inspection.	126.
Number Inspected.	115.
Attendances at the Clinic..	132.
Number Commencing Course of Treatment	108.
Teeth Extracted..	412.
Fillings Inserted	4.
Miscellaneous Operations	2.
"Gas" Administrations.	115.

Expectant and Nursing Mothers.

Referred for Dental Inspection.	38.
Number Inspected.	29.
Attendances at the Clinic.	131.
Number Commencing Course of Treatment	25.
Teeth Extracted..	458.
Fillings Inserted	4.
Impressions Taken for Dentures.	50.
Artificial Dentures Fitted	14.
Miscellaneous Operations..	39.
"Gas" Administrations	36.

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SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

1. (i) Water.

During the year the quarterly reports of the Chemical and Bacteriological examination showed that the quality and purity of the water supply has been maintained.

(ii) Sewerage.

Nothing notoworthy to mention.

SECTION D.

HOUSING.

Erection of New Houses.

Number of new houses erected during the year.	106.
By the Local Authority.	Nil.
By other bodies or persons..	106.

1. Inspection of Dwelling-houses during the year.

(1)	(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	130.
	(b) Number of inspections made for the purpose. ...	1,034.
(2)	(a) Number of dwelling-houses (included under sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations 1925	53.
	(b) Number of inspections made for the purpose. ...	821.
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	12.
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	118.

2. Remedy of Defects during the year without service of formal notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	41.

3. Acting under Statutory Powers during the year.

A. - Proceedings under Sections 9,10, & 16 of the Housing Act.1936:-

(i) Number of dwelling-houses in respect of which notices were served, requiring repairs. ... ... 10.

(2) Number of dwelling-houses which were rendered fit after service of formal notices:-

(a) By owners. ... ... 7.
(b) By Local Authority in default of Owners. 3.

B. Proceeding under Public Health Acts:-

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied. ... ... 13.

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-

(a) By owners .. .. 4.
(b) By Local Authority ... ... Nil.

C. Proceedings under Sections 11 and 13 of the Housing Act.1936.

(1) Number of dwelling-houses in respect of which Demolition Orders were made. ... ... Nil.
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders. ... . Nil.

D. Proceedings under Section 12 of the Housing Act, 1936:-

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... Nil.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit. ... ... Nil.

4. HOUSING ACT.1935. - OVERCROWDING.

(a) (i) Number of dwellings overcrowded at the end of the year ... ... 8.

(ii) Number of families dwelling therein.. ... ... 8.

(iii) Number of persons dwelling therein ... ... 63.

(b) Number of new cases of overcrowding reported during the year . ... Nil.

(c) Number of cases of overcrowding relieved during the year . ... Nil.

Number of persons concerned in such cases. ... ... Nil.

(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the local Authority have taken steps for the abatement of Overcrowding. ... ... Nil.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

(a) Milk Supply. (See Sanitary Inspector's Report)

(b) Meat & Other Foods (See Sanitary Inspector's Report)

(c) Adulteration, Etc.

Articles purchased by Inspectors for Examination and Analysis.		Result of Analysis.	Observations of County Inspector.	Results of proceedings, if any taken, in respect of Adulterated Samples.
Arrowroot.	1.	Genuine.		
Gin.	1.	"		
Green Peas (Tinned)	2.	"		
Kippers (Tinned)	1.	"		
Linseed Meal.	1.	"		
Margarine.	1.	"		
Milk.	48.	43 Genuine. 5 Deficient.	1.10% def. in fat 2.11.3% def. in fat 3.Slightly def. in fat. 4. as No.3. 5.10.3% def. in fat.	No action taken Covered by Appea l Case of Hunt v Richardson.
Shredded Beef Suet with Rice Flour	2.	Genuine.		
Butter.	1.	"		
Cheese.	1.	"		
Cocoa.	1.	"		
Crab. (Tinned)	1.	"		
Grapefruit (Tinned)	1.	"		
Jam.	2.	"		
Salmon & Shrimp Paste.	1.	"		
Sweets.	1.	"		
Whiskey.	3.	Correct.		
Lard.	1.	Genuine.		
Milk (Condensed)	2.	"		
Pepper.	1.	"		
Rice.	1.	"		
Strawberries (Tinned)	1.	"		
Swiss Rolls. (Chocolate)	1.	"		

Cider, National Mark. 1.	Genuine.	
Flour, Self Raising. 1.	"	
Ground Rice. 1.	"	
Raisin Wine (non-alcoholic) 1.	"	
Sweets. (Mint Liquers) 1.	"	

MILK (SPECIAL DESIGNATIONS) ORDER 1936.

No. of Samples of Taken.		Complied.	Failed to Comply.
Tuberculin Tested.	0.	0.	0.
Accredited.	19.	19.	0.
	19.	19.	0.

Informal Samples of Milk Tested by the Inspectors by the "Gerber" Tester.

		Correct.	Incorrect.
No. of samples taken by the Inspectors.	121.	117.	4.
No. of samples taken at Farms.	0.	0.	0.
No. submitted by milk vendors to the Inspectors.	3.	3.	0.
	124.	120.	4.

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SECTION F.

PREVALENCE OF AND CONTROL OF FEVER, INFECTIOUS AND OTHER DISEASES.

During the year we had only 161 cases of Infectious Disease compared with 200 of the previous year.

There were only 15 cases of Diphtheria as compared with 46 the previous year, and the deaths were 1 instead of 3.

Nothing else outstanding occurred during the year.

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TABLE 1.

Showing Notifiable Zymotic Diseases:-

	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	TOTALS.
Pneumonia.	1.	6.	3.	3.	6.	6.	3.	28.
Erysipelas.	-	-	1.	3.	4.	5.	3.	16.
Scarlet Fever.	1.	19.	57.	18.	3.	1.	-	99.
Diphtheria.	-	1.	11.	2.	1.	-	-	15.
Pyrexia.	-	-	-	-	1.	-	-	1.
Cerebro Spinal Meningitis.	-	1.	-	-	-	-	-	1.
Typhoid.	-	-	-	-	1.	-	-	1.
	2.	27.	72.	26.	16.	12.	6.	161.

TABLE NO. 11.

Showing Zymotic Diseases occurring in Wards:-

	East Ward.	West Ward.	South Ward.	Totals.
Scarlet Fever.	41.	37.	21.	99.
Erysipelas.	8.	1.	7.	16.
Pneumonia.	14.	3.	11.	28.
Diphtheria.	10.	4.	1.	15.
Pyrexia.	-	-	1.	1.
Cerebro Spinal Meningitis.	-	-	1.	1.
Typhoid.	-	1.	-	1.

TABLE 111

Showing Notifiable Diseases occurring in months:-

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTALS.
Scarlet Fever.	10.	11.	9.	2.	13.	13.	12.	1.	3.	5.	10.	10.	99.
Pneumonia.	2.	11.	3.	3.	1.	3.	-	-	-	-	1.	4.	28.
Erysipelas.	2.	2.	1.	1.	2.	1.	1.	3.	-	1.	1.	1.	16.
Diphtheria.	2.	-	-	2.	2.	1.	3.	-	1.	1.	2.	1.	15.
Cerebro Spinal Meningitis.	-	-	-	-	1.	-	-	-	-	-	-	-	1.
Pyrexia.	-	-	-	-	1.	-	-	-	-	-	-	-	1.
Typhoid.	-	-	-	-	-	-	1.	-	-	-	-	-	1.

Disease.	Total Cases. Notified.	Cases admitted to hospital.	Total Deaths.
Small Pox.	Nil.	Nil.	Nil.
Scarlet Fever.	99.	9.	Nil.
Diphtheria.	15.	5.	1.
Enteric Fever.(incl. Paratyphoid)	Nil.	Nil.	Nil.
Puerperal Fever.	Nil.	Nil.	Nil.
Puerperal Pyrexia.	1.	1.	Nil.
Pneumonia.	28.	1.	18.
Dysentery.	Nil.	Nil.	Nil.
Cerebro Spinal Meningitis.	1.	Nil.	1.
Erysipelas.	16.	Nil.	Nil.

TABLE 1V.

TUBERCULOSIS.

Age Periods.	New Cases.		Deaths.	
	Pulmonary.	Non-Pulmonary.	Pulmonary.	Non-Pulmonary.
	M. F.	M. F.	M. F.	M. F.
1.	...	1. 0.	...	...
5.	1.	1. 1.	...	...
10.	...	3. 0.	...	...
15.	1.	1. 1.	...	...
20.	1. 1.	...	...	1. 1.
25.	1.	1. 0.	0. 1.	...
35.	0. 1.	...	1. 1.	1.
45.	1. 0.	...	1. 0	...
55.	1. 0.	...	1. 0.	...
65 & upwards.	...	...	...	...
	3. 5.	7. 2.	3. 2.	2. 1.

It was not found necessary to take action under the Public Health (Prevention of Tuberculosis Regulations) 1925, or under Section 62, Public Health Act, 1925.

FACTORIES.

1. Inspections for purposes of provisions as to health.

Including inspections made by Sanitary Inspectors.

Premises. (1)	Number of		
	inspections. (2)	Written Notices. (3)	Occupiers Prosecuted. (4)
Factories with mechanical power.	10.	1.	None.
Factories without mechanical power. ...	30.	...	None.
Other premises under the Act (including works of building and engineering construction, but not including outworkers' premises)	...	...	...
Total	40.	1.	Nil.

2. Defects Found:-

Particulars.	Number of Defects.			Number of defects in respect of which prosecutions were instituted.
	Found.	Remedied.	Referred to H.M. Inspector.	
Want of Cleanliness.	...	...	...	...
Overcrowding.	....	...	...	...
Unreasonable temperature.	...	...	...	...
Inadequate ventilation.	...	...	....	...
Ineffective drainage of floors.	1.	1.	...	...
Sanitary Conveniences --				
Insufficient. ...	1.	1.	...	...
Unsuitable or Defective.	...	...	...	...
Not separate for sexes.	...	...	...	...
Other Offences. (Not including offences relating to Home Work or offences mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1929, and re-enacted in the Third Schedule to the Factories Act, 1937).	4.	4.	...	...
Total.	6.	6.	...	...

In conclusion, I wish to thank your Sanitary Inspector, Mr.I.M.Massey, for his collaboration in this Report, and the rest of the Public Health Staff for their help, and the other Officials for supplying all information pertinent to the Report.

I am,

Madam and Gentlemen,

Your obedient servant,

MAURICE E. KAYTON.

Medical Officer of Health.

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REPORT OF THE SENIOR SANITARY INSPECTOR

FOR THE YEAR ENDED 31st DECEMBER, 1939.

I beg to submit my First Annual Report as your Sanitary Inspector.

In accordance with instructions the report will contain only the essential facts and statistics.

HOUSING.

During the early part of the year many dwelling houses were repaired following informal action by the Department. Unfortunately during the later months of the year this work had to be curtailed.

One hundred and thirty houses were inspected during the year and 51 were put into a thorough state of repair and made to comply with modern standards.

Formal notices under Section 9, Housing Act 1936, had to be served in only 10 instances. In three cases the work was executed by the Local Authority in default.

DRAINAGE & SANITARY WORK.

The duties of the Department include the sanitary supervision of these works, the investigation of complaints relating to them, and the testing and inspection of new and old drainage. During the year 263 new drains were tested with the water test before being filled in.

372 complaints were received relating to choked drains.

Sixteen drains were repaired or reconstructed following examinations as a result of complaints or for other reasons.

RIVERS AND STREAMS.

An Inspector is employed by the County Council to supervise the purity of rivers and streams.

During the year a watch was kept on cesspools etc situated near water courses.

CLOSET ACCOMMODATION.

The closet accommodation of the district at the end of the year was as follows:-

Water Closets.	5,460.
Pail Closets..	30

DISINFECTION.

One hundred and one houses were disinfected after the occurrence therein of infectious disease. This work is done immediately on notification by the Medical Practitioner attending the case.

Thirty consignments of bedding and clothing were treated at the Council's Steam Disinfector following Infectious Disease, and 54 blankets from a Military Camp were treated in this way.

A number of library books were disinfected during the year.

DISINFESTATION.

Six houses were treated with Hydrogen Cyanide owing to the presence of bed bugs.

Two of these houses were Council Houses.

FOOD & DRUGS ACT 1938.

The new Food & Drugs Act became law on October 1st of this year.

The premises which are required to be registered under Section 14 have been inspected and the defects tabulated.

A number of improvements have already been brought about, but action has been deferred in several cases requiring extensive structural alterations until more favourable times.

SMOKE OBSERVATIONS.

Number of smoke observations made.	7.
Total emission of dense smoke.	25 mins.
Number of excessive emissions.	1.

SWIMMING BATHS, POOLS, ETC.

A pool is provided by the Butterley Colliery Co.Ltd at the Kirkby Colliery, which is available for use by schoolchildren if so desired.

Two of the Collieries in the district are now provided with modern pit-head baths.

KEEPING OF SWINE & OTHER ANIMALS.

Householders are encouraged during War-time to keep swine. Inspections are made in order to detect any nuisance arising therefrom.

PETROLEUM ACTS & REGULATIONS.

My duties include those of Petroleum Inspector. During the year 25 licences were granted for the storage of Petroleum Spirit and the income derived therefrom was £15 -10s -0d.

NOTICES & PROCEEDINGS.

During the year there were 227 preliminary notices and 36 statutory notices issued of which 202 were complied with and the remainder were taken forward to 1940.

There were no legal proceedings taken during the year.

PUBLIC MORTUARY.

The Council possess a public mortuary which is maintained by the Department.

It is only a temporary type of building and unsatisfactory in many respects.

FOOD INSPECTION & SUPERVISION.

Meat Inspection.

There are fifteen private slaughterhouses in the Urban District. Every effort is made to inspect all animals slaughtered for human consumption.

One thousand one hundred and sixteen visits were paid to inspect meat during the year, 4,866 carcases being examined.

There are twenty-four meat shops and a portion of the meat sold therein is brought from other districts and there are a number of stalls in the market each week.

The amount of meat condemned during the year was the largest on record.

Meat when condemned however, is invariably surrendered and in no instance was it found necessary to take legal action.

All meat condemned is weighed in the Council's Meat Detention Room.

PARTICULARS OF CARCASES INSPECTED
AND CONDEMNED.

	Cattle excl Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.
Number killed.	198.	450.	18.	805.	3,447.
Number inspected.	198.	450.	18.	785.	3,378.
All diseases except Tuberculosis.					
Whole carcases condemned.	-	1.	-	1.	3.
Carcases of which some part or organ was condemned.	5.	60.	-	14.	21.
Tuberculosis.					
Whole carcases condemned.	1.	13.	-	-	1.
Carcases of which some part or organ was condemned.	11.	115.	-	-	162.
Percentage of the number inspected affected with Tuberculosis.	6%.	28%.	-	-	4¾%
Percentage of the number inspected affected with diseases other than Tuberculosis.	2½%.	13½%	-	2%.	.5%.

ANALYSIS & WEIGHT OF
FOOD CONDEMNED.

Affected with Tuberculosis.

13 Carcases of Cows and all internal organs.
4 Forequarters of beasts.
41 Bovine heads.
1 Carcase of a Pig and all internal organs.

1 Carcase of a Heifer and all internal organs.
80 sets of Bovine lungs.
11 Bovine livers.
3 Bovine hearts.
6 Bovine mesenteries.
2 Bovine spleens.
1 Shoulder and neck of bullock.
155 Pigs heads.
67 Pigs mesenteries.
21 Pigs plucks.
4 Pigs livers.
2 Pigs spleens.

Weight affected - 15,698 lbs.

Affected with Other Diseases or Unsound Conditions.

Carcase of sheep & all internal organs	-	Dropsy.
" " pig " " " "	-	Emaciation.
" " cow " " " "	-	Extensive Bruising.
" " pig " " " "	-	Fevered.
" " " " " " "	-	Enteritis.

13 Bovine livers.	-	Abscesses.
1 sheeps head.	-	"
1 Pig's head.	-	"
Portion of brisket.	-	Bruising.
" " beef.	-	"
2 Bovine udders.	-	Mastitis.
12 sets Bovine lungs.	-	Hydatid Cysts.
7 Bovine livers.	-	" "
3 Pigs livers.	-	" "
4 Sheep s livers.	-	Cirrhosis.
6 Bovine livers.	-	"
9 Pigs livers.	-	"
1 Sheep's liver.	-	Strongyles.
1 Bovine liver.	-	Necrosis.
4 Bovine livers.	-	Angiomatosis.
1 Bovine Head.	-	Actinomycosis.
2 sheeps livers.	-	Distomatosis.
7 Bovine livers.	-	"
2 Bovine kidneys.	-	Nephritis.

Weight affected 6,896 lbs.

Being a total weight affected of 22,594lbs
or 10 tons 1cwt 2grs 26 lbs.

STRUCTURE & CONDITION OF SLAUGHTERHOUSES.

The condition of the slaughterhouses in the district is of a high standard.

SLAUGHTER OF ANIMALS ACT 1933.

There are thirty-two licensed slaughtermen in the district.

MILK SUPPLY.

There are 50 dairy farms and 101 retail purveyors in the district.

The following milks are retailed in the district:-

Accredited Milk.
Pasteurised Milk.
Sterilised Milk.
Ordinary Raw Milk.

The Pasteurised and Sterilised Milks are sold in bottles and the Accredited in Bottles or Cartons.

The number of retail purveyors distributing raw milk in bottles or sealed cartons is now rapidly increasing.

Seventy-eight visits were paid to Cowsheds and Dairies and a large amount of improvement work was carried out.

FACTORIES.

40 visits were paid to these premises during the year and improvements were made following informal action by the Department.

REPORT ON PUBLIC CLEANSING & COSTING RETURNS.

This report covers the period ending March 31st, 1940.

The costs show an increase of £111. 15s .4d over the previous year.

This however, was to be expected, and was brought about by the following increased costs during the year which were not anticipated:-

	£.	s.	d.
Increased charges at Destructor due to extra shift.	86.	8.	11.
Increased sick pay.	27.	10.	9.
Cost of wage increases during year.	51.	11.	9.
Extra carters engaged for refuse collection.	38.	5.	2.
	£203.	16.	7.

Transport.

Transport units of the Cleansing Department comprise the following:-

Two S.D.Freighters - 7 cubic yards capacity.
One Bedford side-loading vehicle - 2 tons.
One tumbler cart for nightsoil work.
One Bedford - 30 cwts (unlicensed for use on tip only)

A horse is hired one half day per week for work with the tumbler cart for the collection of pail closets in the unsewered parts of the area.

The old S.D.Freighter became unserviceable in the latter part of the year and this was replaced in February 1940 by a Dennis Refuse Collection Vehicle.

During the period that the S.D.Freighter was off the road a lorry had to be hired. This proved very costly, the total cost amounting to £38 -5s -2d.

Staff.

The personnel of the Department is as follows:-

Foreman, who is also motor driver.	1.
Motor drivers.	2.
Engineer (Destructor)	1.
Wheeler and Filler (Destructor)	1.
Loaders, Tip Attendants, etc.	12.
Disinfector, etc	1.
General dutios, drainage work etc.	1.
Ambulance Driver etc	1.
	20.

Refuse Collection.

Collection is carried out by the S.D.Freighters on the relay system, a team of 11 men to the two vehicles. The Bedford lorry is used for collecting refuse from the outer districts and other work in the Department.

During the year 3,605 loads of refuse comprising 7,023 tons were collected. (This tonnage figure is estimated from periodic test weighings)

Refuse Disposal.

Refuse is disposed of by burning in a three cell refuse destructor and by controlled tipping.

Trade Refuse is burned free of charge when brought to the Destructor.

On the instructions of the Council the Refuse Destructor was worked for two shifts during the winter months in order to provide steam heating for the offices and other buildings.

Tips.

The low lying ground at Grives Farm has now been filled in and the tip completed.

Tipping is now continuing in Portland Park until such time as another tipping site is available.

Table of Costs.

This will be found on Page 33 .

CONCLUSION.

I should like to thank Dr.M.E.Kayton, who has always been ready to help me and support any suggestions put forward to bring about improvements.

I should also like to thank members of the staff for their ready assistance during the year.

I am.,

Your obedient Servant,

I.M.Massey.

Senior Sanitary Inspector.

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HOUSE AND TRADE REFUSE.

TABLE SHOWING COSTS FOR THE YEAR ENDED 31st MARCH, 1940.

Item Particulars.	1. Collection with depreciation or loan charges included or excluded.		2. Disposal with depreciation or loan charges included or excluded.		3. TOTAL with depreciation or loan charges incl. or excluded.	
	Incl. £. s. d.	Excl. £. s. d.	Incl. £. s. d.	Excl. £. s. d.	Incl. £. s. d.	Excl. £. s. d.
Revenue A/C. A. Gross Expenditure.	2920/10/7.	2684/1/6.	1054/5/3.	1040/11/1.	3974/15/10	3724/12/7.
B. Gross Income.	50/15/11.	50/15/11.	23/0/9.	23/0/9.	73/16/8.	73/16/8.
C. Net Cost.	2869/14/8.	2633/5/7.	1031/4/6.	1017/10/4.	3900/19/2.	3650/15/11
Unit Costs. D. Gross Expenditure p,ton.	8/3¾d.	7/7½d.	3/0d.	2/11½d.	11/3¾	10/7
E. Gross Income per ton.	1¾d.	1¾d.	¾d.	¾d.	2½d.	2½.
F. Net Cost per ton.	8/2d.	7/5¾d.	2/11½d.	2/10¾d.	11/1¼	10/4½d.
G. Net Cost per 1,000 population.	149/6/2.	136/19/10.	53/12/6d.	52/18/3d.	202/18/8d.	189/18/1.
H. Net Cost per 1,000 houses from which refuse is collected.	573/18/11.	526/13/1.	206/4/10.	203/10/1.	780/3/9.	730/3/2.

APPENDIX.

TABLE NO. 1.

Sanitary Inspections Made.

Dwelling Houses.

Houses inspected and recorded under the Public Health and Housing Acts.	130.
Inspections made for the purpose.	1,034.
Inspected after Infectious Disease	99.
Houses disinfected.	101.
Inspections of verminous premises.	92.
Houses disinfested.	11.
Inspections of sanitary conveniences, refuse receptacles etc.. ...	237.
Inspections re Overcrowding..	22.

Drainage & Sanitary Work.

New drains approved.	215.
New drains disapproved	48.
Visits to works in progress	41.
Plumbing Work inspected..	13.
Plumbing Work tested.	16.
Plumbing W ork found defective	3.
Old drains tested	6.
Old drains found defective	34.
Old drains found inspected	98.

Factories and Shops.

Foodshops inspected.	68.
Bakehouses inspected	4.
Factories inspected.	20.
Fried Fish Shops.	16.
Slaughterhouse for repairs	5.

Cowsheds and Dairies.

Cowshed Inspections.	61.
Dairy Inspections...	17.
Non-dairy farms.	4.

Miscellaneous.

Refuse Tips.	109.
Market.	40.
Piggeries	48.
Middens	10.

Rats & Mice (Destruction) Act.	15.
Accumulation of Refuse.	19.
Pollution of Water courses	5.
Overflowing of cesspools.	11.
Caravans.	5.
Hospital.	11.
Smoke observations.	7.
Nuisance from smoke	5.
Stables.	2.
Petroleum Acts	3.
Keeping of animals so as to be a nuisance	2.
Inspections re flooding..	44.
Military Camps	17.

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TABLE NO. 2.

Sanitary Improvements Effected.

Dwelling Houses.

House sites cleansed.	1.
Unfit houses demolished	44.
Defective houses reconditioned or repaired	81.
Roofs repaired.	70.
New roofs provided..	12.
Rainwater gutters provided or repaired	68.
Verminous houses cleansed	18.
Defective windows repaired or replaced	65.
New windows provided	3.
Windows provided with new sash cords	22.
Living or sleeping rooms provided with additional window light	3.
Surrounds to window and door frames pointed with mastic.	36.
Defective plaster repaired	114.
Handrails and balustrades provided to staircases	22.
Staircases repaired.	4.
Windows provided in staircases.	2.
Floors repaired or renewed	52.
Hearths repaired or renewed	7.
Additional underfloor ventilation provided	2.
Damp floors repla ced by damp proof floors	43.
Doors and door frames repaired or renewed	63.
Houses provided with doors in front or rear walls.. ...	6.
New door provided.	1.
Doorsteps provided or repaired..	12.
Doors provided with weatherboards	13.
Insanitary or defective sinks replaced by glazed sinks ..	13.
Sink surrounds cemented or tiled	22.
Insanitary wastepipes replaced by new trapped lead wastepipes discharging over gullies	25.
Coalstore doors renewed.	3.

Dishstones provided to sink waste gullies.	3.
Washboilers repaired or renewed.	11.
Permanent ventilation provided to rooms without fireplaces	5.
Yard or paths repaved or repaired	41.
Paved approach provided to outbuildings	14.
Common yards or gardens fenced or separated	4.
Water services repaired.	6.
Damp sites of existing houses concreted	2.
Houses provided with damp proof courses	21.
Vertical damp-proof courses provided.	1.
Walls repointed or repaired..	70.
External walls rendered with waterproofed cement ...	15.
Internal walls rendered with impervious material ...	7.
Boundary walls rebuilt.	2.
Chimney flues repaired.	6.
Chimney stacks repaired or repointed..	47.
New chimney pots fixed.	5.
Defective chimney flashings repaired..	6.
Houses provided with foodstores..	2.
Dampness abated.	29.
Rooms provided with skirtings	4.
Fireranges repaired or renewed	29.

Waterclosets, Dustbins Etc.

Additional W.C's provided.	3.
Defective W.C. pedestals replaced	8.
W.C. seats repaired or renewed	6.
Flushing cisterns repaired or renewed	2.
Water service pipes to W.C's repaired	6.
Defective dustbins renewed	118.
Insanitary ashpits abolished.	1.
W.C. floors repaired.	1.
Soil or ventilating pipes repaired or renewed. ...	1.

Drainage.

Choked drains cleansed.	372.
Drains repaired or reconstructed.	16.
Inspection chambers repaired or reconstructed.. ...	1.
New inspection chambers constructed	2.
New covers and frames fitted to inspection chambers.	5.
Soil or ventilating pipes repaired or renewed	1.
New gullies provided.	1.

Slaughterhouses.

Insanitary cutting up benches replaced	1.
New lairages provided	4.
Slaughterhouses rebuilt	1.
Yards repaved.	2.
New slaughterhouse provided	1.
Insanitary middens at slaughterhouse abolished ...	1.
New offal receptacles provided at slaughterhouses..	6.
Drains repaired or reconstructed	4.

Cowshed & Dairies.

New cowsheds constructed.	3.
Insanitary cowsheds closed	2.
Additional window light provided in existing buildings.	2.
Additional ventilation provided in existing buildings.	2.
Tubular stall divisions provided in existing buildings.	12.
Sterilizing equipment provided	1.
Contravention of Milk & Dairies Order remedied	2.
New dairies provided.	2.
Yards repaved and drained.	1.
Dairy farms drained to main sewer	1.
Dairy farms drained to cesspool	1.
Washing and rinsing equipment provided in dairies. ...	1.

Factories.

Floors properly drained.	1.
Additional W.C's provided	1.
Premises cleansed.	2.
Warning system installed	1.
Washing accommodation provided	1.

Bakehouses & Foodshops.

New drains provided.	1.
Additional light and ventilation provided	1.
Internal walls cement rendered	1.
Ceilings repaired	1.

Miscellaneous.

Deposits of refuse removed	1.
Rat infestation abated.	3.
Nuisance from keeping of animals abated	2.
Nuisance from disused well abated.	1.

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COMPLAINTS RECEIVED.

497 Complaints were received as follows:-

Choked drains.	372.
Defective drains	7.
Defective housing conditions.	51.
Overcrowding.	6.
Keeping of animals so as to be a nuisance	1.
Verminous or dirty houses	4.
Flooding of premises	44.
Defective yard surfaces.	2.
Offensive smells	4.
Rats & Mice Destruction.	1.

Burst water service pipes.	2.
Dilapidated building.	1.
Nuisance from smoke..	1.
Nuisance from Caravans	1.

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